

U. S. Department of Agriculture

Forest Service

APPALACHIAN FOREST EXPERIMENT STATION

Technical Note No. 30

Asheville, N. C.

June 16, 1938

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LIST OF SPECIMENS IN THE STATION HERBARIUM

1.4

Compiled by

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The herbarium of the Appalachian Station has recently been re-organized and put in order. The list of species now contained in it is presented herewith.

The species are listed in the same order in which they are filed in the herbarium; families are given in alphabetical order; genera are arranged alphabetically under families; and species, alphabetically under genera. The families are those of "Gray's new manual of botany" 7th edition. The nomenclature for all species checked identified in Washington is that used by the Bureau of Plant Industry. Inconsistencies in naming of unchecked species cannot be entirely corrected, until new collections of these species are sent through the regular channels for identification.

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EXPERIMENT STATION

APPALACHIAN FOREST EXPERIMENT STATION

SPECIMENS IN THE HERBARIUM

June 15, 1938

- \* Indicates species which have been check identified in Washington by the Bureau of Plant Industry or the National Herbarium.  
( ) Indicates the number of specimens of a species when there are more than one.

ACERACEAE

Acer floridanum  
\*Acer pennsylvanicum (3)  
\*Acer spicatum  
Acer rubrum  
Acer saccharinum  
Acer saccharum (2)

AQUIFOLIACEAE

Ilex glabra  
\*Ilex montana  
Ilex opaca (2)  
\*Ilex verticillata (2)

ARACEAE

\*Arisaema triphyllum

ALISMACEAE

\*Sagittaria pubescens

ARISTOLOCHIACEAE

\*Aristolochia macrophylla (3)  
\*Asarum canadense  
Hexastylis arifolia

AMARANTHACEAE

Amaranthus hybridus

ASCLEPIEDACEAE

Hypoxis sessilis (2)

Asclepias tuberosa  
Biventraria variegata (2)

ANACARDIACEAE

Rhus copallina  
Rhus glabra  
Rhus obtusifolia  
\*Rhus radicans (4)

BERBERIDACEAE

\*Berberis thunbergii  
\*Caulophyllum thalictroides  
\*Diphylleia cymosa

ANONACEAE

Asimina triloba

BETULACEAE

\*Alnus incana  
Alnus maritima  
Alnus rugosa  
Betula lenta (2)  
Betula lutea (2)

APOCYNACEAE

Apocynum androsaemifolium

**BETULACEAE (cont.)**

Betula nigra  
\*Carpinus caroliniana (2)  
Corylus americana  
Ostrya virginiana

**BIGNONIACEAE**

Bignonia radicans

**BORAGINACEAE**

Lappula virginiana

**CALYCANTHACEAE**

\*Calycanthus fertilis  
Calycanthus nanus

**CAMPANULACEAE**

Specularia perfoliata

**CAPRIFOLIACEAE**

\*Diervilla sessilifolia  
Lonicera flava  
\*Lonicera japonica (3)  
\*Sambucus canadensis (4)  
Symphoricarpos orbiculatus  
\*Triosteum perfoliatum  
Viburnum acerfolium  
Viburnum molle  
Viburnum nudum  
\*Viburnum prunifolium (3)

**CARYOPHYLLIACEAE**

\*Alsine pubera  
Silene antirrhina  
\*Silene virginica (3)

**CELASTRACEAE**

\*Evonymus americanus (2)

**CHENOPODIACEAE**

Ambrina ambrosioides

**CISTACEAE**

\*Lechea leggettii

**COMMELINACEAE**

Tradescantia virginiana

**COMPOSITAE**

\*Actinomeris alternifolia  
\*Ambrosia trifida  
Anaphalis margaritacea  
Anthemis arvensis  
Aster excavatus  
Aster macrophyllus (2)  
Aster pilosus (2)  
Aster proteus  
Aster shortii (2)  
Aster tenebrosus  
Aster tradescanti (2)  
Aster triangularis  
Aster undulatus  
Baccharis sp.  
\*Bidens bipinnata  
\*Bidens cernua  
\*Centaurea vochinensis  
Chondrophora undata  
\*Chrysopsis mariana (2)  
Coreopsis major  
Elephantopus tomentosus  
\*Erechtites hieracifolia (2)  
Erigeron annuus (2)  
Erigeron philadelphicus  
\*Erigeron pulchellus  
Erigeron ramosus  
Eupatorium album  
Eupatorium hyssopifolium  
Eupatorium perfoliatum  
Eupatorium sp.  
\*Eupatorium urticaefolium (2)  
\*Galinsoga ciliata  
Galinsoga parviflora  
Gnaphalium obtusifolium  
Helonium tenuifolium  
\*Helianthus atrorubens (3)  
\*Helianthus giganteus  
Helianthus hirsutus  
Helianthus rigidus

## COMPOSITAE (cont.)

- \*Helianthus tuberosus
- Heliopsis helianthoides
- Hieracium scabrum
- \*Hieracium venosum (3)
- Isopappus divaricatus (2)
- \*Krigia virginica
- Laciniaria secunda
- \*Laciniaria spicata
- Laciniaria tenuifolia
- Leptilon canadense
- Nabalus trifoliatus
- Parthenium integrifolium
- Pityopsis graminifolia
- \*Polymnia canadensis
- \*Polymnia uvedalia
- Pterophyton helianthoides
- \*Rudbeckia laciniata
- \*Rudbeckia triloba
- \*Senecio aureus (3)
- \*Senecio smallii (2)
- Sericocarpus asteroides (2)
- Sitilias caroliniana
- Smallanthus uvedalia
- \*Solidago altissima (2)
- \*Solidago curtisii
- Solidago erecta
- Solidago nemoralis (2)
- Solidago odora
- Solidago rugosa (2)
- Sonchus asper
- \*Verbesina occidentalis (2)
- Vernonia acaulis

## CONVOLVULACEAE

- \*Ipomoea pandurata
- Pharbitis hederacea (2)
- Pharbitis purpurea

## CORNACEAE

- \*Cornus amomum
- \*Cornus florida (2)
- Nyssa sylvatica (2)

## CRASSULACEAE

- \*Sedum ternatum (2)

## CRUCIFERAE

- \*Arabidopsis thaliana
- \*Bursa bursa-pastoris
- \*Cardamine flagellifera (2)
- \*Cardamine sp.
- \*Dentaria diphylla
- \*Dentaria laciniata
- \*Dentaria sp.
- \*Draba verna

## CUCURBITACEAE

- \*Sicyos angulatus

## CYPERACEAE

- \*Cymophyllus fraseri
- Carex howei
- Carex intumescens
- Carex normalis
- Carex pennsylvanica
- Carex scabrata
- Carex virescens (2)
- Cyperus strigosus
- \*Scirpus cyperinus

## CYRILLACEAE

- Cyrilla racemosa

## DIAPENSIACEAE

- \*Galax aphylla (3)

## EBENACEAE

- \*Diospyros virginiana (3)

## ERICACEAE

- Azalea aborescens
- \*Azalea lutea (3)
- Azalea nudiflora
- Chimaphila maculata (2)
- Clethra acuminata (2)
- Epigaea repens (2)
- \*Eubotrys recurva
- Gaultheria procumbens
- Gaylussacia baccata

## ERICACEAE (cont.)

*Kalmia latifolia*  
*Lasiococcus dumosus*  
 \**Leiophyllum buxifolium*  
     *hugeri*  
*Leucothoe catesbaei* (2)  
 \**Oxydendrum arboréum* (2)  
 \**Pieris floribunda* (3)  
 \**Polycodium stamineum* (3)  
*Rhododendron carolinianum*  
*Rhododendron margarettae*  
*Rhododendron maximum* (2)  
*Vaccinium corymbosum*  
*Vaccinium corymbosum* var.  
     *pallidum*  
 \**Vaccinium erythrocarpum*  
*Vaccinium neglectum* (2)  
 \**Vaccinium vacillans* (2)  
 \**Xolisma ligustrinum* (2)

## EUPHORBIACEAE

\**Chamaesyce* (*humistrata*?)  
*Chamaesyce hyssopifolia*  
*Euphorbia cyparissias*  
*Tithymalopsis corollata*

## FAGACEAE

*Castanea dentata*  
 \**Castanea pumila* (2)  
*Fagus americana*  
*Quercus alba*  
*Quercus catesbaei*  
*Quercus cinerea* (2)  
 \**Quercus coccinea* (2)  
 \**Quercus* (*imbricaria*?)  
*Quercus margaretta*  
*Quercus michauxii* (2)  
*Quercus minor*  
*Quercus nigra*  
*Quercus prinus*  
*Quercus rubra*  
*Quercus velutina* (3)  
*Quercus virginiana*

## FUMARIACEAE

\**Bikukulla canadensis*  
 \**Capnoides sempervirens*

## GENTIANACEAE

*Dasystephana saponaria*  
*Gentiana andrewsii*  
*Gentianella quinquefolia* (2)  
 \**Obolaria virginica*  
 \**Sabbatia angularis* (4)

## GERANIACEAE

*Erodium cicutarium*  
 \**Geranium maculatum* (2)

## GRAMINEAE

*Agrostis alba*  
*Agrostis perennans* (4)  
*Andropogon glomeratus*  
*Andropogon scoparius* (4)  
*Andropogon ternarius*  
*Andropogon virginicus* (5)  
*Anthoxanthus odoratum* (2)  
*Aristida dichotoma* (4)  
*Aristida oligantha* (2)  
*Aristida purpurascens* (2)  
 \**Arundinaria tecta*  
*Axonopus compressus*  
*Bromus commutatus* (2)  
*Cenchrus echinatus*  
*Chaetochloa lutescens*  
*Chaetochloa viridis*  
*Dactylis glomeratus*  
*Danthonia sericea*  
*Danthonia spicata*  
*Echinochloa colona*  
*Echinochloa crus-galli* (2)  
*Eleusine indica*  
*Eragrostis hirsuta* (2)  
*Festuca obtusa* (2)  
*Gymnopogon ambigua*  
*Holcus halepensis*  
*Leptolma cognatum* (2)  
*Lolium multiflorum* (2)  
 \**Muhlenbergia schreberi* (3)  
*Panicum ashei* (3)  
*Panicum boscii* (2)  
*Panicum commutatum* (4)  
*Panicum depauperatum* (2)  
*Panicum dichotomiflorum*  
 \**Panicum dichotomum* (4)  
*Panicum gattingeri*

## GRAMINEAE (cont.)

*Panicum microcarpon* (4)  
*Panicum sphaerocarpon* (2)  
*Paspalum dilatatum*  
*Paspalum floridanus*  
*Paspalum pubescens* (2)  
*Poa annua*  
*Poa cuspidata* (2)  
*Sorghastrum elliotii* (2)  
*Sorghastrum nutans*  
*Sphenopholis nitida* (2)  
*Stipa avenacea* (2)  
*Syntherisma filiforme* (2)  
*Syntherisma sanguinale* (2)  
*Triodia flava* (3)  
*Uniola laxa*

## HAMAMELIDACEAE

*\*Hammelis virginiana* (2)  
*Liquidambar styraciflua* (2)

## HYDROPHYLLACEAE

*\*Phacelia bipinnatifida* (2)  
*\*Phacelia dubia*  
*\*Phacelia purshii*

## HYPERICACEAE

*Ascyrum hypericoides*  
*Hypericum mutilum*  
*Hypericum profificum* (2)  
*Hypericum punctatum* (2)  
*Sarothra gentianoides*

## ILLECEBRACEAE

*\*Paronychia argyrocoma*

## IRIDACEAE

*\*Iris cristata*  
*\*Iris verna*  
*Sisyrinchium graminoides*

## JUGLANDACEAE

*Hicoria alba*  
*Hicoria glabra* (2)

## JUGLANDACEAE (Cont.)

*Hicoria microcarpa*  
*Hicoria minima* (2)  
*Hicoria ovata* (2)  
*Hicoria pallida*  
*Hicoria pecan*  
*\*Hicoria (villosa?)* (2)  
*Juglans cinerea*  
*Juglans nigra*

## JUNCACEAE

*Juncoides carolinae* (2)  
*\*Juncus effusus*

## LABIATAE

*Agastache scrophulariaefolia*  
*\*Glecoma hederacea*  
*Koellia flexuosa* (2)  
*Lamium amplexicaule*  
*Leonurus cardiaca* (2)  
*Lycopus rubellus* (2)  
*Lycopus uniflorus*  
*Monarda clinopodia*  
*\*Monarda didyma* (2)  
*Monarda fistulosa* (2)  
*Prunella vulgare*  
*\*Salvia lyrata*  
*Scutellaria incana* (2)  
*Scutellaria ovalifolia*  
*Stachydeoma graveolens*  
*Trichostema dichotomum*

## LAURACEAE

*Benzoin aestivale*  
*Persea borbonia*  
*Sassafras variifolium* (4)

## LEGUMINOSAE

*Adiperia corymbosa*  
*\*Amorpha glabra* (3)  
*Amorpha herbacea* (2)  
*Baptisia tinctoria*  
*\*Cassia chamaecrista*  
*Cercis canadensis*  
*Chamaecrista procumbens*  
*\*Clitoria mariana*

## LEGUMINOSAE (cont.)

*Cracca virginiana* (2)  
*Enelista tora*  
*Gymnocladus dioica*  
*Lespedeza capitata*  
*Lespedeza frutescens*  
*Lespedeza hirta*  
*Lespedeza nuttali*  
*Lespedeza repens* (2)  
*Lespedeza virginica*  
*Meibomia acuminata* (2)  
*Meibomia canescens* (2)  
*Meibomia ciliaris*  
*Meibomia marylandica* (3)  
*Meibomia michauxii*  
*Meibomia nudiflora* (2)  
*Meibomia paniculata*  
*Meibomia pauciflora*  
*\*Morongia microphylla*  
*Robinia pseudacacia*  
*Strophostyles umbellata*  
*Stylosanthes biflora* (2)  
*Ulex europaeus*  
*\*Vicia caroliniana* (2)

## LILIACEAE

*\*Chamaelirium luteum*  
*\*Disporum maculatum*  
*\*Erythronium americanum* (2)  
*\*Lilium canadense*  
*\*Lilium michauxii*  
*Medeola virginiana*  
*Oakesiella puberula* (2)  
*Smilax bona-nox*  
*Smilax glauca*  
*Smilax hispida* (2)  
*Smilax rotundifolia* (2)  
*\*Stenanthium graminium*  
*\*Trillium cernuum*  
*\*Trillium erectum*  
*\*Uvularia grandiflora*  
*\*Uvularia perfoliata*  
*\*Uvularia puberula*  
*\*Vagnera racemosa*  
*\*Veratrum parviflorum*

## LINACEAE

*Carthartolinum striatum*

## LOBELIACEAE

*\*Lobelia amoena* (2)  
*\*Lobelia inflata* (3)  
*\*Lobelia siphilitica*  
*Lobelia spicata* (2)

## LORANTHACEAE

*Phoradendron flavescens*

## LYCOPODIACEAE

*\*Lycopodium clavatum* (2)  
*Lycopodium complanatum*  
*\*Lycopodium obscurum*  
*\*Lycopodium selago perophilum*

## LYTHRACEAE

*\*Parsonsia petiolata*

## MAGNOLIACEAE

*Liriodendron tulipifera*  
*Magnolia acuminata* (2)  
*\*Magnolia fraseri* (4)  
*Magnolia glauca*  
*Magnolia tripetala*

## MALVACEAE

*Malvastrum spicatum* (2)

## MELASTOMACEAE

*\*Rhexia virginica*

## MYRICACEAE

*Myrica cerifera*

## OLEACEAE

*\*Chionanthus virginica* (3)  
*\*Fraxinus americana* (5)  
*Fraxinus biltmoreana* (2)

## ONAGRACEAE

*\*Circaea latifolia*  
*\*Gaura biennis*  
*\*Oenothera biennis*

OPHIOGLOSSACEAE

- \*Botrychium obliquum
- \*Botrychium virginianum (3)
- \*Ophioglossum vulgatum

ORCHIDACEAE

- Aplectrum hyemale
- Blephariglottis ciliaris
- \*Corallorrhiza odontorrhiza
- \*Cypripedium acaule (3)
- Cypripedium parviflorum (2)
- \*Habenaria ciliaris
- Ibidium beckii
- Liparis liliifolia
- Malaxis unifolia
- \*Orchis spectabilis
- Peramium pubescens

OROBANCHACEAE

- Leptamnium virginianum
- \*Thalesia uniflora

OSMUNDACEAE

- \*Osmunda cinnamomea
- \*Osmunda claytoniana (2)
- \*Osmunda regalis

OXALIDACEAE

- Ionoxalis violacea
- Xanthoxalis stricta (2)

PASSIFLORACEAE

- \*Passiflora incarnata (2)

PINACEAE

- Juniperus virginiana
- Larix leptolepis
- Picea excelsa
- Picea pungens
- Pinus echinata
- Pinus nigra austriaca
- Pinus rigida
- Pinus virginiana (2)

PINACEAE (cont.)

- Pseudotsuga taxifolia
- Tsuga canadensis

PLANTAGINACEAE

- Plantago aristata (2)

PLANTANACEAE

- Plantanus occidentalis

POLEMONIACEAE

- \*Phlox amonena
- Phlox glaberrima
- \*Phlox stolonifera
- \*Phlox subulata

POLYGALACEAE

- \*Polygala curtissii (2)

POLYGONACEAE

- Bilderdykia cilinoidis
- Bilderdykia cristata
- \*Bilderdykia scandens
- Persicaria careyi
- Persicaria orientalis
- Tovara virginiana

POLYPODIACEAE

- \*Adiantum pedatum
- \*Asplenium cryptolepis
- \*Asplenium montanum (2)
- \*Asplenium platyneuron
- \*Asplenium trichomanes
- \*Athyrium asplenioides (3)
- \*Athyrium thelypteroides (2)
- \*Camptosorus rhizophyllus
- \*Cheilanthes lanosa (2)
- \*Cheilanthes tomentosa (2)
- \*Cystopteris bulbifera
- \*Cystopteris fragilis (4)
- \*Dennstaedtia punctilobula
- \*Dryopteris dilatata
- \*Dryopteris goldiana (2)
- \*Dryopteris hexagonoptera
- \*Dryopteris intermedia (5)

POLYPODIACEAE (cont.)

- \*Dryopteris marginales (2)
- \*Dryopteris noveboracensis
- \*Onoclea sensibilis
- \*Pellaea atropurpurea
- \*Polypodium polypodioides (2)
- \*Polypodium virginianum
- \*Polystichum acrostichoides
- \*Pteridium latiusculum
- \*Woodsia obtusa

FORTULACACEAE

- \*Claytonia caroliniana

FRIMULACEAE

- Lysimachia quadrifolia
- Steironema hybridum

RANUNCULACEAE

- \*Actaea alba
- Anemone caroliniana (2)
- \*Anemone quinquefolia (2)
- \*Anemone virginiana
- Aquilegia coccinea (2)
- Clematis virginiana
- Cimicifuga racemosa (2)
- \*Delphinium tricorne (2)
- Ranunculus abortivus
- \*Ranunculus hispidus (2)
- Ranunculus recurvatus (2)
- \*Syndesmon thalictroides
- Thalictrum caulophylloides
- \*Thalictrum clavatum
- \*Thalictrum revolutum (2)
- Zanthorhiza apiifolia (3)

RHAMNACEAE

- Ceanothus americanus (2)
- \*Rhamnus caroliniana

ROSACEAE

- \*Aruncus allegheniensis
- Agrimonia bicknellii
- Amelanchier canadensis
- Aronia arbutifolia

ROSACEAE (cont.)

- Crataegus aprica
- Crataegus cordata
- Crataegus pruinosa
- Crataegus vailiae
- \*Geum canadense (2)
- Geum hirsutum (3)
- Porteranthus stipulatus (2)
- Potentilla canadensis (2)
- \*Potentilla canadensis simplex
- \*Prunus serotina (2)
- Fyrus melanocarpa
- Rosa humilis
- Rubus allegheniensis
- Rubus canadensis (4)
- Rubus floridus
- Rubus occidentalis
- \*Rubus odoratus (2)
- Rubus recurvans
- Rubus villosus (2)
- \*Sanguisorba canadensis
- Sorbus americana

RUBIACEAE

- Diodia virginiana
- Galium circaezans
- Galium latifolium
- \*Houstonia purpurea
- Mitchella repens (2)

RUTACEAE

- Ptelea trifoliata

SALICACEAE

- Salix humilis
- Salix lucida
- Salix nigra
- Salix sericea (2)

SANTALACEAE

- \*Comandra umbellata
- \*Fyricularia pubera (2)

SAFINDACEAE

- \*Aesculus octandra (2)

## SAXIFRAGACEAE

Astilbe biternata (2)  
 Heuchera puberula (2)  
 \*Hydrangea arborescens (5)  
 \*Mitella diphylla (3)  
 Ribes cynosbati (8)  
 Ribes glandulosum (2)  
 Ribes rotundifolium (4)  
 \*Saxifraga caroliniana  
 \*Saxifraga micranthidifolia  
 \*Saxifraga virginensis  
 \*Tiarella cordifolia (2)

## TILIACEAE

Tilia americana  
 \*Tilia heterophylla michauxii

## UMBELLIFERAE

Daucus carota  
 Erynigum aquaticum  
 Ligusticum canadense (3)  
 Taenidia integerrima  
 \*Zizia bobbi

## URTICACEAE

Morus rubra (4)  
 Ulmus alata  
 Ulmus americana  
 Ulmus fulva  
 Urticastrum divaricatum (2)

## VERBENACEAE

Callicarpa americana

## VIOLACEAE

\*Viola pedata  
 \*Viola rafinesquii  
 \*Viola sp.  
 \*Viola canadensis  
 \*Viola eriocarpa

## VITACEAE

Psedera quinquefolia  
 Vitis bicolor (4)  
 Vitis cordifolia  
 Vitis rotundifolia

## SCROPHULARIACEAE

Agalinis harperi  
 Agalinis linifolia  
 Aureolaria flava  
 Aureolaria laevigata  
 Chelone lyoni  
 \*Melampyrum lineare  
 Mimulus ringens (2)  
 Penstemon pauciflorus  
 Veronica officinalis (2)

## STAPHYLEACEAE

Staphylea trifolia

## STYRACACEAE

\*Halesia carolina  
 \*Symplocos tinctoria (2)

## TAXACEAE

\*Taxus canadensis

Total number of specimens in herbarium	824
Number of species and varieties	562
Number of species and varieties check identified in Washington	212